								Bridge Ir	nspection	n						
Bridge File Num	nber	08245	-1 B	ridge					Form Type				PCS			
Year Built/Year		1984/1	984						Lot No.				2			
Supstr								Inspector Name				Kris Bosters				
Bridge or Town	Name							Inspector Class				BR CLS A				
Located Over		WASK	AIE	ENAU CREEK, 6.53, WATERCRS-					Assistant Name				Brian Cote			
Located On		656:02 C1 12.960							Assistant Class							
Water Body CI./	Year								Inspection Date				11-Dec-2012			
Navigabil. CI./Ye	ear								Data Entry By				Theresa Lac			
Legal Land Loca	ation	SE SE	C 6 <sup>-</sup>	6 TWP 60 RGE 19 W4M					Data Entry Date				06-Jan-2013			
Longitude, Latitu	ongitude, Latitude -112:49:				05				Reviewe		me		Eric Carcoux			
Road Authority					ation (Al	T)			Review				19-Dec-2012	2		
Contract Main. A	Area	CMA07	7						Dept. Re				Paul Catt			
Clear Roadway/	/Skew	8.8/0	deg.						Dept. Re				18-Jan-2013	}		
AADT/Year		650 / 2	011	(A)					Follow-L	Јр Ву	/					
Road Classificat	tion	RCU-2	09-1	10					_							
Detour Length (		13														
Allowable Load	(t): Sir	ngle C	51 28	8		Semi	CS	S2 49		TI	ain (	CS3	3 62		> On Critical Spans >Critical Member	
Design Loading:		N	S225	25											> Primary Span	
Design Loading.	•		JZZC	5			Po	ostina li	nformatio	on					> T Timary	Opan
Required Load F	Postino	ı (t)		Single				Joting II	Sen					Truc	k Train	
Posted Loading					Single				Sen						k Train	
<b>v</b>		ED					(NI) No		In Advance (Y/							
Posted:	Lane	EB			At Junc	ction (Y/I	N)	No	In A	dvan	ce (Y/N	1)	No	At Br	idae (Y/N)	No
Posted: Posted:	Lane Lane	EB WB				ction (Y/I ction (Y/I	-	No No				-	No No		idge (Y/N) idge (Y/N)	No No
	Lane					ction (Y/l ction (Y/l	-				ce (Y/N ce (Y/N	-			idge (Y/N) idge (Y/N)	-
Posted: Remarks	Lane Not re	WB equired.		No			-					-				-
Posted:	Lane Not re	WB equired.		No			-					-				-
Posted: Remarks Hazard Marker	Lane Not re At Brid	WB equired.		No			-					-				-
Posted: Remarks Hazard Marker / Remarks	Lane Not re At Brid	WB equired.		No			N)	No		dvan		-				-
Posted: Remarks Hazard Marker / Remarks	Lane Not re At Brid	WB equired.		No			N)	No	In A	dvan		-				-
Posted: Remarks Hazard Marker / Remarks Other Sign Type	Lane Not re At Bride	WB equired.		-			N)	No	In A	dvan		-				-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Telephone	Lane Not re At Bride	WB equired. ge (Y/N		-			N)	No	In A	at)		-				-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Telephone	Lane Not re At Bride	WB equired. ge (Y/N		-			N)	No	In A	at)		-				-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Telephone Power	Lane Not re At Bride	WB equired. ge (Y/N		-			Ut	No ilities (l	In A	at) al		-				-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Telephone Power Others	Lane Not re At Bride	WB equired. ge (Y/N		-		ction (Y/I	Ut	No ilities (L	In A	at) al	I) No		No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Telephone Power Others Remarks	Lane Not re At Bridges	WB equired. ge (Y/N		-		ction (Y/I	Ut .ast	No ilities (l Approa Now	In A	at) al n (Y/N	I) No	l)	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Align	Lane Not re At Bridges	WB equired. ge (Y/N		-		ction (Y/I	N) Ut	No ilities (I Approa Now 7	In A	at) al al al al al al al al al ad ad in (Y/N	I) No	uditi on <sup>2</sup>	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Telephone Power Others Remarks Horizontal Align Vertical Alignme	Along	WB equired. ge (Y/N	iitch.	•		ction (Y/I	Ut .ast	No ilities (l Approa Now	In A	at) al מו (Y/N ation ad in	I) No	uditi on <sup>2</sup>	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Align Vertical Alignmer Roadway Width	Lane Not re At Bridges	WB equired. ge (Y/N	iitch.	-		ction (Y/I	Ut asst 7 7	No ilities (l Approa Now 7 7	In A	at) al מו (Y/N ation ad in	I) No	uditi on <sup>2</sup>	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump	Lane Not re At Bridges	WB equired. ge (Y/N	litch.	9.000		ction (Y/I	N) Ut	No ilities (I Approa Now 7	In A	at) al מו (Y/N ation ad in	I) No	uditi on <sup>2</sup>	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N)	Lane Not re At Bridges	WB equired. ge (Y/N	litch.	•		ction (Y/I	Ut	No illities (L Now 7 7 8	In A	at) al מו (Y/N ation ad in	I) No	uditi on <sup>2</sup>	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N)	Lane Not re At Bridges	WB equired. ge (Y/N	litch.	).000 Yes		ction (Y/I	Ut asst 7 7	No ilities (l Approa Now 7 7	In A	at) al מו (Y/N ation ad in	I) No	uditi on <sup>2</sup>	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail Length (m)	Along Ment (m)	WB equired. ge (Y/N south c	iitch.	9.000 Yes 23.200		ction (Y/I	Ut	No illities (L Now 7 7 8	In A	at) al מו (Y/N ation ad in	I) No	uditi on <sup>2</sup>	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Stand	Along Ment (m) (m) (m) (m) (m) (m) (m) (m) (m) (m)	WB equired. ge (Y/N south c		9.000 Yes 23.200 No	At Junc	ction (Y/I	Ut	No illities (L Now 7 7 8	In A	at) al מו (Y/N ation ad in	I) No	uditi on <sup>2</sup>	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Align Vertical Alignmer Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Stand Termination T	Along Ment (m) (m) (m) (m) (m) (m) (m) (m) (m) (m)	WB equired. ge (Y/N south c		9.000 Yes 23.200	At Junc	ction (Y/I	Ut 	No illities (l Now 7 7 7 8 8	In A	at) al מו (Y/N ation ad in	I) No	uditi on <sup>2</sup>	No			-
Posted: Remarks Hazard Marker / Remarks Other Sign Type Utility Attachmen Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Stand	Along Ment (m) (m) (m) (m) (m) (m) (m) (m) (m) (m)	WB equired. ge (Y/N south c		9.000 Yes 23.200 No	At Junc	ction (Y/I	Ut	No illities (L Now 7 7 8	In A	at) al מו (Y/N ation ad in	I) No	uditi on <sup>2</sup>	No			-

						Supers	tructure				
Bridge Com	ponent				Last	Now	Explanation of Condition				
(Primary Spa	an : <b>SM, 3 Spa</b>	ns, Le	engths(	m): 8-8-8, A-I	dent Nu	mber:					
Special Feat	tures										
Special Feat	ure					Х					
(Type : )											
Special Feat	ure					Х					
(Type:)											
Wearing Sur	face/Deck Top	Detai	I Rating	s							
	N (%)	1 (%)	)	2 (%)	3 (%)						
Last											
Now	100.0										
Wearing Sur	face				7	N	(S1 - 5 cracks in ACP along girders.				
	ype : <b>ACP</b> )						S2 - 3 cracks in ACP along girders. S3 - 3 cracks in ACP along girders.) 10-Sep-2009				
(Thickness							- 55 - 5 Clacks III ACP along girders.) 10-5ep-2009				
<b>`</b>	ection Probler	n	Yes				Snow covered.				
(Y/N)											
Deck Top					N	N					
Deck Rideab	oility				7	7					
Deck Joints					N	N					
Bump (Y/N			No			IN					
1	÷		INU		7	N	Na daali digina 40 Can 2000				
Deck Draina	-				7	N	No deck drains10-Sep-2009				
Drains Clo	gged (Y/N)						Snow covered.				
Curbs/Media	n				6	N	2 localized rust spots on S3 due to low cover. Minor plow scrapes				
(Curb Type	e : Standard)						Map cracks and water stains on exterior face10-Sep-2009				
Scaling (Pe	ercent Area)		0								
Bridge Rail					7	7	Double layer.				
(Type : <b>GA</b>	LVANIZED S	FEEL I	FLEX B	EAM)							
Bridge Rail F	Posts				8	8					
(Type : GA STEEL)	LVANIZED PO	OST S	TEEL;O	GALVANIZED	POST						
Bridge Rail/F	Posts Coating				7	7					
	LVANIZED)										
Sidewalk					X	X					
Girder Detail	Ratings										
	N (count)	1 (co	ount)	2 (count)	3 (cou	unt)					
Last							]				
Now											
Girders					7	7	Water stains from leakage between girders.				
	te Inspection [	Date	11-Dec	-2012							
Cracking (			No				1				
	ercent Area)		0				1 connector pocket rusting in S1.				
Lift or Conne Grouted (Y/N	ctor Pocket		Yes								
(Number Of											
	nent Problem	s									
Vertical (Y/			No								
Horizontal			No				1				
	ure General F	ating			7	7					
Saporonuol		y									

Alberta Transportation

						ructure
Bridge Comp	ponent			Last	Now	Explanation of Condition
Abutments						
(Extended I	Backwall Piles	s (Y/N) : <b>N</b> )				
(Extended I	Backwall Piles	Spacing(mm	):)			
(Total Numbe	er of Caps/Co	bels : <b>1:1</b> )				
Bearing Seats	s/Caps/Corbe	ls Detail Ratin	gs			
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last						
Now						
Bearing Seat	s/Caps/Corbe	ls		8	8	
(Type : <b>CO</b>	· · · · · · · · · · · · · · · · · · ·					
(Depth(mm	· · · · · · · · · · · · · · · · · · ·					
(Width(mm)	· · · ·					-
Backwalls/Br				8	8	
Greatest He		0.55		0	0	
		0.55		8	N	Show drifted in evertee
Wingwalls				0		Snow drifted in overtop.
(Total Numbe	er of Bearing F	Piles : <b>0:0</b> )				Piles not visible.
Piles Detail R						
	N (count)	1 (count)	2 (count)	3 (cou	unt)	1
Last	100		_ () () () ()	5 (000	,	1
Now	100	0	0		0	
Piles	100	0	0	N	N	-
				X		Capting is pooling 1%
Paint/Coating	J			^	5	Coating is peeling 1%.
Abutment Sta	ability			7	7	
Scour/Erosion	n			4	4	Both headslopes eroded at toes but not affecting abutment stability - photo.
Piers/Bents						
	R-COLUMN)					Vertical hairline crack at location of spall on West pier cap. Small spall on West side of West pier cap minor vertical crack on top of
	er of Caps/Cor					South end of East pier cap.
Bearing Seats	s/Caps/Corbe	Is Detail Ratin	gs			
	N (count)	1 (count)	2 (count)	3 (cou	unt)	_
Last						
Now						_
Bearing Seat	s/Caps/Corbe	ls		5	5	
(Type : <b>CO</b>	NCRETE)					
(Depth(mm	) : <b>630</b> )					
(Width(mm)	) : 550)					
	er of Bearing F	Piles : 6:6)				
Piles Detail R		,				
	N (count)	1 (count)	2 (count)	3 (cou	unt)	1
Last					,	1
Now						
Pier Shaft/Pil	es		1	7	7	1
Greatest He		3.25				1
Bracing/Strut		0120		8	8	
Nose Plate				X	X	
Paint/Coating	]			4	4	Pitting of pile on bottom 600mm. Bottom 1000mm completely gone.
(Colour Des	scription : )					Blue paintphoto
(Colour Co	· · · · · · · · · · · · · · · · · · ·					

Alberta Transportation

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Pier Stability	8	8		
Scour		4	4	Localized scour hole under bridge, approx 10m long x 6m wide x 0.5m deep.
Debris (Y/N)	Yes			Old piles under bridge.
Substructure General Rating		5		
			Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : N)				Man made channel.
(D/S Direction : S)				
Alignment		8	8	
Bank Stability		8	8	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		4	4	Scour hole under bridge.
(Type : NONE; NONE)				
Guidebank/Spurs		X	X	
Adequacy of Opening		5	5	
(Fish Compensation Measure 1	: NONE)			
(Fish Compensation Measure 2	: NONE)			
Channel General Rating		4	4	

				Ма	intenance R	ecommend	ations						
Inspector Recommendations	Yea	ar	Inspecto	or Comments			Department Co	ommen	ts		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL													
SEAL CURBS													
PATCH DECK													
OVERLAY DECK													
STRAIGHTEN/REPLACE MEMBERS													
WASHING													
SHOTCRETE REPAIRS													
CORE TIMBER CAPS/CORBELS													
REPAIR/REPLACE TIMBER CAPS													
REPAIR ABUTMENT SCOUR/EROSIC	ON 201	3	Trim and	d armour head	slopes.(~60m	3CL.1)							
PLACE ADDITIONAL RIP RAP	201	3	Repair s	scour holes.									
REMOVE DRIFT ACCUMULATION													
INSTALL STRUTS													
OTHER ACTION	201	3	Remove	e old piling.									
OTHER ACTION	201	3	Paint pil	es.									
OTHER ACTION													
OTHER ACTION													
Structural Condition Rating (Last/No.	ow) 66.7	7/66.	7	Sufficiency (%)	Rating (Last/	Now) (	64.7/64.7	Est	t. Repl. Yr	2038	Maint. Re	qd. (Y/N)	Yes
Structural Condition Rating (Last/No	ow) 66.7	7/66.	7	Sufficiency (%)	Rating (Last/	/Now)	5 <b>4.7/64.7</b> Department Comments	Est	t. Repl. Yr	2038	Maint. Red	qd. (Y/N)	Yes
Structural Condition Rating (Last/No (%) Special Comments for Next Inspection	ow) 66.7	7/66.	7	Sufficiency (%)	Rating (Last/	Now) (	Department	Est	t. Repl. Yr		Maint. Red		Yes
Structural Condition Rating (Last/No (%) Special Comments for	ow) 66.7	7/66.	7	Sufficiency (%)	Rating (Last/	Now) (	Department Comments	Est	t. Repl. Yr				Yes
Structural Condition Rating (Last/No.   (%)   Special   Comments for   Next Inspection   Maintenance Reviewed By	ow) 66.7	7/66.	7	Sufficiency (%)	Rating (Last/	'Now) (	Department Comments	Est	t. Repl. Yr				Yes
Structural Condition Rating (Last/No.   Special   Comments for   Next Inspection   Maintenance Reviewed By   Proposed Long-Term Strategy	ow) 66.7	7/66.	7	Sufficiency (%)	Rating (Last/	'Now) (	Department Comments	Est	t. Repl. Yr				Yes
Structural Condition Rating (Last/No.   Special Comments for Next Inspection   Maintenance Reviewed By   Proposed Long-Term Strategy   On 3-Year Program (Y/N)   Proposed Action	ow) 66.7 Melanie Jol			Sufficiency (%)	Rating (Last/		Department Comments		t. Repl. Yr				Yes
Structural Condition Rating (Last/No.   Special Comments for Next Inspection   Maintenance Reviewed By   Proposed Long-Term Strategy   On 3-Year Program (Y/N)   Proposed Action   Previous Inspector's Name		hnso		Sufficiency (%)	Rating (Last/	Previous	Department Comments Date		t. Repl. Yr				Yes
Structural Condition Rating (Last/No.   Special Comments for Next Inspection   Maintenance Reviewed By   Proposed Long-Term Strategy   On 3-Year Program (Y/N)   Proposed Action   Previous Inspector's Name   Next Inspection Date	Melanie Jol	hnso		Sufficiency (%)	Rating (Last/	Previous	Department Comments Date						Yes